

REF: (a) PMS 5519/018  
(b) TECH MANUAL NAVSEA S6226-PD-MM0-010-07070  
(c) TECH MANUAL S6220-EN-MM0-010  
(d) NSTM 077  
(e) NSTM 555 REV. 9  
(f) PMS 5000/009 FLEX HOSE INSPECTION

	IAW	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
<b>ABPA SERIAL NUMBER:</b>				
<b>HPFA SERIAL NUMBER:</b>				
<b>REPAIR LOCKER AREA:</b>		2	3	5
<b>A. AIR BOOSTER PUMP ASSEMBLY (ABPA) AND HIGH PRESSURE FILTER ASSEMBLY (HPFA):</b>				
1. Are gauges calibrated with cal. Sticker? (Note: calibration is required every 18 mos.),	18M-1			
2. Are the relief valves on the HPFA and the Air Booster Pump (ABPA) tag within periodicity? (Note: required every 36 mos. IAW PMS). Three relief valves (two on the ABPA and one on the HPFA). Relief valve AHP-V304 is 3300 +/- 100psi.g ALP-V-202 is 150 +/- 3psig, AHP-V207 5300 +/- 150psig.	36M-1			
3. Is the charging system air quality being conducted (quarterly)? Is test results on hand and the results being filed in a designated binder?	Q-1			
4. Are all hoses hydrostatically tested and free from damage? This includes the quick fill hoses. Note: if tag is missing, the hose can be re-tagged if it is the proper hose IAW MRC A-1..	A-3 5000/009 A-1			
a. Are fitting caps installed on the ABPA, HPFA, and all hoses?				
5. Does the hoses have caps attached and installed on the ends? Are hose safety lanyard and shackle free of damage?	R-1			
6. Is ships air pressure between 2700 and 3000psi?	Q-2			
7. Are operating procedures posted?				
8. Are proper warning signs posted? (Hearing and eye)	OPNAV 5100.19			
9. Is the CO/Moisture Indicator Sat? Check the CO/moisture indicator element for color change on the Bauer compressor and high-pressure filter assembly? Note: normal color is a blue ring with a yellow center. Pink and Brown are unsat color conditions.	Q-2			
<b>B. OPERATE THE HPFA AND THE AIR BOOSTER PUMP</b>	Q-1, Q-2			
<b>ABPA S/N:</b>				
<b>HPFA S/N:</b>				
1. Are there leaks with in the charging station?	Q-2			
2. Charge a 45 minute SCBA cylinder. Enter cylinder serial number in block.	Q-2			
a) Does the SCBA cylinder being filled pass PMS standards?	5519/016/ R-1			
b) Will the ABPA cascade into the cylinder IAW PMS time standards?	Q-2			
c) Will the ABPA fill the cylinder IAW PMS time standards.	Q-2			
3. Complete an air quality test on each HPFA.	Q-1			
a) Verify correct DRAEGER tubes are available in within expiration date.	Q-1			
b) Does the HPFA unit pass the air quality test?				
- O2 (19.5 – 23.5)		( )	( )	( )
- CO2 (1000 ppm max)		( )	( )	( )
- CO (10 ppm max)		( )	( )	( )
- Oil (5 mg/m3 max)		( )	( )	( )
- Water Vapor (20 mg/m3)		( )	( )	( )

[illegible]

